

16179 U.S.P.T.O.  
033004

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	TI-29999.1
First Named Inventor or Application Identifier	
Anandakumar, et al.	
Title	Systems, Processes and Integrated Circuits for Rate and/or Diversity Adaptations for Packet Communications
Express Mail Label No.	#EV333321006US

On Page 1 of the specification, before line 1, insert -This application claims priority under 35 USC § 119(e)(1) of provisional application number \_\_\_\_\_ filed \_\_\_\_\_

<b>APPLICATION ELEMENTS</b> <small>See MPEP Chapter 600 concerning utility patent application contents</small>		<b>ADDRESS TO:</b>	
1. <input checked="" type="checkbox"/>	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)	6. <input type="checkbox"/>	Microfiche Computer Program (Appendix)
2. <input checked="" type="checkbox"/>	Specification (preferred arrangement set forth below) <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R&amp;D</li> <li>- Reference to Microfiche Appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul>	7. <input type="checkbox"/>	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Copy</li> <li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</li> <li>c. <input type="checkbox"/> Statement verifying identical of above copies</li> </ul>
3. <input checked="" type="checkbox"/>	Drawing(s) (35 USC d113)	8. <input type="checkbox"/>	Assignment Papers (cover sheet & Documents(s))
4. Oath or Declaration	/Total Pages 222	9. <input type="checkbox"/>	37 CFR §3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney
a. <input type="checkbox"/>	Newly Executed (original or copy)	10. <input type="checkbox"/>	English Translation Document (if applicable)
b. <input checked="" type="checkbox"/>	Copy from a prior application (37 CFR §1.63(d)) (for continuation/divisional with Box 17 completed)	11. <input type="checkbox"/>	Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
<b>[Note Box 5 below]</b>			
i. <input type="checkbox"/>	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §1.63(d)(2) and 1.33(b).	12. <input checked="" type="checkbox"/>	Preliminary Amendment
5. <input checked="" type="checkbox"/>	Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.	13. <input checked="" type="checkbox"/>	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
*A new statement is required to be entitled to pay small entity fees, except where one has been filed in a prior application and is being relied upon.			
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:			
<input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)		of prior application No.: 06/460,065	
Prior application information: Examiner N. Do		Group / Art Unit: 2663	
<b>18. CORRESPONDENCE ADDRESS</b>			
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		23494 (Insert Customer No. or Attach bar code label here) <input type="checkbox"/> Correspondence address below	
NAME			
ADDRESS			
CITY	STATE	ZIP CODE	
COUNTRY	TELEPHONE	972-917-5458	FAX 972-917-4418
Name (Print/Type)	Lawrence J. Bassuk	Registration No. (Attorney/Agent)	29,043
Signature	Lawrence J. Bassuk		Date March 30, 2004

Burden Hour Statement: This form is estimated to Chief Information Officer, Patent and Trademark Office Washington, DC 20231.

Required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office Washington, DC 20231.

The PTO did not receive the following listed item(s) 2 page of Specification  
Page No. 94, 124

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## FEE TRANSMITTAL for FY 2003

*Patent fees are subject to annual revision.*

Express Mailing Label No.:

TOTAL AMOUNT OF PAYMENT	(\$)	770
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Complete If Known	
Application Number	TBD
Filing Date	3/30/2004
First Named Inventor	Anandakumar, et al.
Examiner Name	Of parent: N. Do
Group Art Unit	Of parent: 2663
Attorney Docket No.	TI-29999.1

### METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number  
**20-0668**

Deposit Account Name  
**Texas Instruments Incorporated**

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
 Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Entity Fee (\$)	Small Entity Fee Code (\$)	Entity Fee (\$)	Fee Description	Fee Paid
1001	740	201	355	Utility filing fee	<b>\$770</b>
1002	330	208	160	Design filing fee	
1003	510	207	245	Plant filing fee	
1004	740	208	355	Reissue filing fee	
1005	160	214	75	Provisional filing fee	
<b>SUBTOTAL (1)</b>				<b>(\$770)</b>	

#### 2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Extra Claims		Fee from below	Fee Paid				
		1	-20** =	0		x	18	=	0
		1	-3** =	0		x	86	=	0
							270	=	0

Multiple Dependent

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202	18	Claims in excess of 20
1201	84	Independent claims in excess of 3
1203	280	Multiple dependent claim, if not paid
1204	84	**Reissue independent claims over original patent
1205	18	**Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>(\$0)</b>

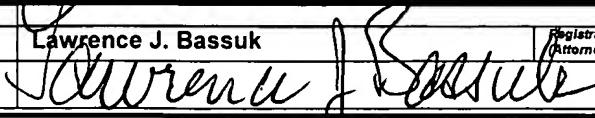
\*\*or number previously paid, if greater. For Reissue, see above

#### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Fee (\$)	Small Entity Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
1051	130	205	65	Surcharge - late filing fee of oath	
1052	50	227	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	139	130	Non-English specification	
1812	2,520	147	2,520	For filing a request for ex parte reexamination	
1804	920*	112	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
1251	110	215	55	Extension for reply within first month	
1252	400	216	195	Extension for reply within second month	
1253	920	217	445	Extension for reply within third month	
1254	1,440	218	695	Extension for reply within fourth month	
1255	1,960	228	945	Extension for reply within fifth month	
1401	320	219	155	Notice of Appeal	
1402	320	220	155	Filing a brief in support of an appeal	
1403	280	221	135	Request for oral hearing	
1451	1,510	138	1,510	Petition to institute a public use proceeding	
1452	110	240	55	Petition to revive - unavoidable	
1453	1,280	241	620	Petition to revive - unintentional	
1501	1,280	242	620	Utility issue fee (or reissue)	
1502	460	243	220	Design issue fee	
1503	620	244	300	Plant issue fee	
1460	130	122	130	Petitions to the Commissioner	
1807	50	123	130	Petitions related to Prov'l Apps (Proc. Fee under 37 CFR 1.17(q))	
1806	180	126	180	Submission of information Disclosure Stmt	
8021	40	581	40	Recording each patent assignment per property (times no. of properties)	
1809	740	246	355	Filing a submission after final rejection (37 CFR §1.129(a))	
1810	740	249	355	For each additional invention to be examined (37 CFR §1.129(b))	
1801	740	279	355	Request for Continued Examination (RCE)	
1802	900	169	900	Request for expedited examination of a design application	
Other fee (specify)					

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)**

SUBMITTED BY	Lawrence J. Bassuk			Complete (if applicable)	
Name (Print/Type)				Registration No. Attorney/Agent	29,043 Telephone (972) 917-5458
Signature				Date	March 30, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of  
Anandakumar, et al.

TI-29999.1

Div. of Serial No.: 09/460,065

Div. of Art Unit: 2663

Filed: herewith

Examiner: TBD

Title: Systems, Processes and Integrated Circuits for Rate  
and/or Diversity Adaptations for Packet Communications

**LETTER TO THE OFFICIAL DRAFTSPERSON**

March 30, 2004

Asst. Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

MAILING CERTIFICATE UNDER 37 C.F.R. §1.8(a)  
I hereby certify that the above correspondence is  
being deposited with the U.S. Postal Service as  
Express Mail, airbill #EV333321006US, in an  
envelope addressed to: Assistant Commissioner For  
Patents, P.O. Box 1450, Alexandria, VA 22313-1450  
on March 30, 2004.

Lawrence J. Bassuk, Reg. No. 29,043

Applicant submits 21 sheets of formal drawings for the  
above-identified patent application.

Respectfully submitted,

Lawrence J. Bassuk  
Reg. No. 29,043

Texas Instruments Incorporated  
P.O. Box 655474, M/S 3999  
Dallas, TX 75265  
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